

# INTERNATIONAL SEARCH REPORT

Inventor's Application No  
PCT/GB2004/001235

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F16H3/72

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F16H B60K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 281 559 A (HITACHI LTD) 5 February 2003 (2003-02-05) abstract; figure 6	1, 3-9
A	EP 1 279 545 A (RENAULT SA ; NISSAN MOTOR (JP)) 29 January 2003 (2003-01-29) cited in the application the whole document	
A	GB 2 363 173 A (MOELLER FRANK) 12 December 2001 (2001-12-12) cited in the application abstract; figure 1	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

13 July 2004

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20/07/2004

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1281559	A	05-02-2003	WO	0185483 A1	15-11-2001
			EP	1281559 A1	05-02-2003
EP 1279545	A	29-01-2003	JP	2003032808 A	31-01-2003
			EP	1279543 A2	29-01-2003
			EP	1279544 A2	29-01-2003
			EP	1279545 A2	29-01-2003
			US	2003069104 A1	10-04-2003
			US	2003064847 A1	03-04-2003
			US	2003073534 A1	17-04-2003
GB 2363173	A	12-12-2001	EP	1289789 A1	12-03-2003
			WO	0194142 A1	13-12-2001
			US	2004092353 A1	13-05-2004